



Vignan's Institute of Management and Technology for women

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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501301.



Department of Computer Science and Engineering

Academic Year: 2020-2021

Details of Publications by Faculty

S. No	Description	Total Number
1	Papers Published in Journals	32
2	Papers Presented in Conferences	12
3	Book Chapters	1
4	Published Patents	11
	Total	56

S. No	Faculty Name	No. of Journals	No. of Conferences	No. of Patents	No. of Book Chapters
1	Dr. G. Apparao Naidu			1	
2	Dr. C. Srinivasa Kumar	7	1	2	
3	Dr. A. Sudhir Babu	2			1
4	Dr. Ch. Basavaraj				
5	Dr. Sirisati Ranga Swamy	2	6	5	
6	Dr. P. Rajendra Prasad				
7	Mr. K. Bharath Reddy	1		1	
8	Mr. B. Phijik			1	
9	Ms. Vasireddy Indrani	3		1	
10	Ms. Duli Swaroopa	2			
11	Ms. Deepthi Sri Dakuri	1			
12	Mr. S. Ravi Kumar	2			
13	Mr. E. Linga Murthy	1			
14	Mr. P. Vinay Bhushan	1			
15	Ms. P. Prathima	2			



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16	Mr. N. Venu Kumar				
17	Ms. B. Geetha	3			
18	Mr. S. Dilli Babu		1		
19	Mr. S. Sandeep Babu				
20	Ms. Cheruku Mounika				
21	Mr. T. Sharath				
22	Mr. M. Vishnu Vardhana Rao	4	2		
23	Mr. M. Uday Kumar				
24	Mr. S. Santhosh Kumar				
25	Ms. V. Sirisha				
26	Mr. R. Krishna Nayak				
27	Ms. K. Helini Reddy	1	1		
28	Ms. J. Navaneetha				
29	Mr. V. Maddileti Reddy				
30	Ms. K. Prathyusha		1		
31	Mr. Lagishetty Suresh				
32	Ms. B. Mamatha				
33	Ms. Kavya Jupaka				



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Department of Computer Science and Engineering

Academic Year: 2020-2021

Details of Publications by Faculty

A.Y:2020-2021 JOURNALS

S. No	Title of paper	Name of the Faculty	Name of journal	Volume, Issue Numbers Publication Year ISSN	Link of the recognition in UGC enlistment of the Journal
1	K-Means Clustering of Spinal Cord MRI Abnormality Feature Extraction	Dr. C. Srinivas Kumar	JASC: Journal of Applied Science and Computations ISSN NO: 0022-1945	Volume VII, Issue XII, December/2020	http://j-asc.com/VOL_UME-7-ISSUE-12-DECEMBER-2020/
2	Perceptions of Client and Server Side Load Balancing in Micro services	Mrs. V. Indrani	International Journal of Innovative Research in Engineering & Management	ISSN: 2350-0557 Volume-7, Issue-4, July 2020	https://www.ijirem.org/DOC/4-perceptions-of-client-and-server-side-load-balancing-in-microservices.pdf
3	Enabling Cloud-Fog computing and smart city applications with Faster 5G self-healing protocols and Applications: A Comprehensive Review	Mrs. Bhavani Geetha	MuktShabd Journal	ISSN : 2347-3150 Volume X, Issue VI, JUNE-2021	https://app.box.com/s/kn6bquh1490py7tpb6xk06vgr05jwq8m



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4	Analysis of Raft Consensus Algorithm	Mrs. V. Indrani	International Journal of Innovative Research in Engineering & Management	ISSN: 2350-0557 Volume-7, Issue-4, July 2020	https://www.ijirem.org/DOC/1-analysis-of-raft-consensus-algorithm.pdf
5	Perceptions of Client and Server Side Load Balancing in Micro services	Mrs. D. Swaroopa	International Journal of Innovative Research in Engineering & Management	ISSN: 2350-0557 Volume-7, Issue-4, July 2020	https://www.ijirem.org/DOC/4-perceptions-of-client-and-server-side-load-balancing-in-microservices.pdf
6	Enabling Cloud-Fog computing and smart city applications with Faster 5G self-healing protocols and Applications: A Comprehensive Review	Mrs. P. Prathima	MuktShabd Journal	ISSN : 2347-3150 Volume X, Issue VI, JUNE-2021	https://app.box.com/s/kn6bquh1490py7tpb6xk06vgr05jwq8m
7	Perceptions of Client and Server Side Load Balancing in Micro services	Mrs. D. Deepthi Sri	International Journal of Innovative Research in Engineering & Management	ISSN: 2350-0557 Volume-7, Issue-4, July 2020	https://www.ijirem.org/DOC/4-perceptions-of-client-and-server-side-load-balancing-in-microservices.pdf



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8	Analysis of Raft Consensus Algorithm	Mrs. D. Swaroopa	International Journal of Innovative Research in Engineering & Management	ISSN: 2350-0557 Volume-7, Issue-4, July 2020	https://www.ijirem.org/DOC/1-analysis-of-raft-consensus-algorithm.pdf
9	Movie Recommendation system based on collaborative filtering	Mrs. K. Helini	International Journal of Creative Research Thoughts	ISSN: 2320-2882 Volume 8, Issue 7 July 2020	http://ijcrt.org/papers/IJCR2007287.pdf
10	Analysis of similarity measures with Word Net based and enhanced feature selection in text Document clustering	Dr. A. Sudhir Babu	International Journal of Advanced Science and Technology	ISSN 2005-4238 Volume-29, No. 06(2020)	http://serisc.org/journals/index.php/IJAST/article/view/13889
11	Analysis of Classification Technique for Prediction of Damages Levels in Building-Structures	Mr. M. Vishnu Vardhana Rao	International Journal of Advanced Science and Technology	ISSN 822 - 842 Volume-29, No. 05(2020)	http://serisc.org/journals/index.php/IJAST/article/view/9618
12	Analysis of educational institutions quality growth rate in academics	Mr. K. Bharath Reddy	International Journal of Multidisciplinary Educational Research	ISSN NO 2277-7881	http://www.ijmer.in/



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13	privacy-preserving KNN Classification Protocol over Encrypted Relational Data in the Cloud	Mr. P.Vinay Bhushan	Advances in Mathematics: Scientific Journal 9 (2020)	1857-8365	https://research-publication.com/?page_id=9
14	Analysis of educational institutions quality growth rate in academics	Mr. E.Linga Murthy	International Journal of Multidisciplinary Educational Research	ISSN NO 2277-7881	http://www.ijmer.in/
15	An efficient skin cancer prognosis strategy using deep learning technique	Dr.RangaSwamySirisati	Indian Journal of Computer Science and Engineering	ISSN NO 2231-3850 Vol. 12 No. 1 Jan-Feb 2021	https://www.researchgate.net/publication/349469992_AN_EFFICIENT_SKIN_CANCER_PROGNOSIS_STRATEGY_USING_DEEP_LEARNING_TECHNIQUES
16	K-Means Clustering of Spinal Cord MRI Abnormality Feature Extraction	Mr S. Ravi Kumar	JASC: Journal of Applied Science and Computations ISSN NO: 0022-1945	Volume VII, Issue XII, December/2020	http://jasc.com/VOLUME-7-ISSUE-12-DECEMBER-2020/



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17	Identification of Mucormycosis in post covid-19 cases using deep CNN	Dr Ranga Swamy S irisati	Turkish Journal of Computer and Mathematics Education	ISSN NO 3441-3450 Vol.12 No.09 (2021)	https://turcomat.org/index.php/turkbilmat/article/view/11302/8362
18	A Machine Learning-based Damage Prediction Techniques for Structural Health Monitoring	Mr. M. Vishnu Vardhana Rao	Turkish Journal of Computer and Mathematics Education	ISSN NO 3392-3405 Vol.12 No 2(2021)	https://doi.org/10.17762/turcomat.v12i2.2401
19	Identification of Mucormycosis in post covid-19 cases using deep CNN	Dr. C. Srinivas Kumar	Turkish Journal of Computer and Mathematics Education	ISSN NO 3441-3450 Vol.12 No.09 (2021)	https://turcomat.org/index.php/turkbilmat/article/view/11302/8362
20	Perception of Network and Protection Concerns In Cloud Computing	Mrs. V. Indrani	International Journal of Innovative Research in Engineering & Management	ISSN: 2350-0557 Volume-7, Issue-4, July 2020	http://www.ijirem.org/



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21	Criminal Detection Using Face Recognition System	Mrs. Bhavani Geetha	Journal of Interdisciplinary Cycle Research ISSN NO: 0022-1945	Volume XII, Issue XII, December/2020	http://www.jicrjournal.com/VOLUME-12-ISSUE-12-DECEMBER-2020/
22	Criminal Detection Using Face Recognition System	Dr C. Srinivas Kumar	Journal of Interdisciplinary Cycle Research ISSN NO: 0022-1945	Volume XII, Issue XII, December/2020	http://www.jicrjournal.com/VOLUME-12-ISSUE-12-DECEMBER-2020/
23	Blood Cell Image Diagnosing Using CNN And M-SVM	Dr C. Srinivas Kumar	An UGC-CARE Approved Group-II Journal www.ijearst.co.in	Volume.02, Issue No.11, January-2021, Pages: 187-200	-



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24	AI-Based Image Processing for COVID-19 Detection in Chest CT Scan Images	Dr C. Srinivas Kumar	The International journal of analytical and experimental modal analysis ISSN NO: 0886-9367	Volume XIII, Issue VII, July/2021	-
25	An efficient skin cancer prognosis strategy using deep learning technique	Dr C. Srinivas Kumar	Indian Journal of Computer Science and Engineering	ISSN NO 2231-3850 Vol. 12 No. 1 Jan-Feb 2021	https://www.researchgate.net/publication/349469992_AN_EFFICIENT_SKIN_CANCER_PROGNOSIS_STRATEGY_USING_DEEP_LEARNING_TECHNIQUES
26	Document Clustering Approach Using Fuzzy Word Net and Adaptive PSO-K-Means Algorithm	Dr. A.Sudhir Babu	Solid State Technology	Volume 63 Issue :5	http://solidstatetechnology.us/index.php/JSST/article/view/3454/2686
27	Perception of Network and Protection Concerns In Cloud Computing	Mrs. Bhavani Geetha	International Journal of Innovative Research in Engineering & Management	ISSN: 2350-0557 Volume-7, Issue-4, July 2020	http://www.ijirem.org/



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28	Species Detection Using Deep Learning for Birds	Mr S. Ravi Kumar	INTERNATIONAL JOURNAL OF ENGINEERING IN ADVANCED RESEARCH SCIENCE AND TECHNOLOGY	Volume.02, Issue No.14, April-2021, Pages: 254-261	-
29	A Building Damage Classification Framework for Feature Subset Selection using Rough Set with Mutual Information	Mr. M. Vishnu Vardhana Rao	Solid State Technology	ISSN 498-509 Vol. 63 No. 2s(2020)	https://www.sst.com/
30	Species Detection Using Deep Learning for Birds	Dr C. Srinivas Kumar	INTERNATIONAL JOURNAL OF ENGINEERING IN ADVANCED RESEARCH SCIENCE AND TECHNOLOGY	Volume.02, Issue No.14, April-2021, Pages: 254-261	-
31	Perception of Network and Protection Concerns In Cloud Computing	Mrs. P.Prathima	International Journal of Innovative Research in Engineering & Management	ISSN: 2350-0557 Volume-7, Issue-4, July 2020	http://www.ijirem.org/
32	An effective brain tumor identification and classification using advanced Machine Learning techniques	Mr, M. Vishnu Vardhana Rao	Journal of Emerging Technologies and Innovative Research	Volume 7, Issue 10 October 2020	http://www.jetir.org/papers/JETIR2010041.pdf



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Department of Computer Science and Engineering

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Details of Publications by Faculty

A.Y: 2020-21-CONFERENCES

Si. No.	Name of the Faculty	Title of the Paper	Name of the Conference and ISBN Number	Link of the recognition in UGC enlistment of the Conference
1	Dr. S. RangaSwamy	Auto-adaptive Learning for Machine Perception of Native Accent Using Deep Learning	1 st International Conference On Mathematical Modelling And Computational Science 978-981-33-4389-4	https://www.springer.com/series/11156
2	Dr. S. RangaSwamy	Software Defect Prediction Using Optimized Cuckoo Search Based Nature-Inspired Technique	4 th international conference on smart computing and informatics (sci-2020) ISSN: 2194-5357	https://link.springer.com/chapter/10.1007/978-981-16-1502-3_19
3	Dr. C. Srinivas Kumar	A Hybrid Clinical Data prediction Approach Using Modified PSO	ISSN: 2194-5357	https://link.springer.com/chapter/10.1007/978-981-16-1502-3_18



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4	Mr.M.Vishnu Vardhana Rao	An Energy-efficient PSO based Cloud Scheduling Strategy	8 th international conference on innovations in computer science and engineering 978-981-33-4543-0	https://link.springer.com/chapter/10.1007/978-981-33-4543-0_79
5	Dr. S. RangaSwamy	Analysis of Hybrid Fusion-Neural Filter Approach to detect Brain-tumour	6 th international conference on parallel, distributed and grid computing (PDGC) 978-1728171326	https://ieeexplore.ieee.org/document/9315809
6	Mr.S.DilliBabu	An Energy-efficient PSO based Cloud Scheduling Strategy	8 th international conference on innovations in computer science and engineering 978-981-33-4543-0	https://link.springer.com/chapter/10.1007/978-981-33-4543-0_79
7	Dr. S. RangaSwamy	An aviation delay prediction and recommendation system using Machine Learning Techniques	1 st international virtual conference on integrated intelligence enable networks & computing 978-981-33-6307-6	https://link.springer.com/chapter/10.1007/978-981-33-6307-6_25
8	Mrs.K.Helini	COVID-19 in India: Lockdown analysis and future predictions using Regression models	11 th international conference on cloud computing, data science & engineering ISBN: 978-0-7381-3160-3	https://cmswebonline.com/conference2021/e-proceedings/html/293.xml
9	Dr. S. RangaSwamy	A Hybrid Clinical Data predication	4 th international conference on smart computing and	https://link.springer.com/chapter/10.1007/978-



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		Approach Using Modified PSO	informatics (SCI-2020) ISSN: 2194-5357	981-16-1502-3_18
10	Mr.M.Vishnu Vardhana Rao	Data Mining Technique for Structural Strength Monitoring System Methodologies	2022 international conference on computer communication and informatics 2329-7190	https://ieeexplore.ieee.org/abstract/document/9402640
11	Dr. S. RangaSwamy	An Energy-efficient PSO based Cloud Scheduling Strategy	8 th international conference on innovations in computer science and engineering 978-981-33-4543-0	https://link.springer.com/chapter/10.1007/978-981-33-4543-0_79
12	Mrs.K.Prathyusha	COVID-19 in India: Lockdown analysis and future predictions using Regression models	11 th international conference on cloud computing, data science & engineering ISBN: 978-0-7381-3160-3	https://cmswebonline.com/conference2021/e-proceedings/html/293.xml

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Details of Publications by Faculty

A.Y.2020-21: BOOK CHAPTERS

S. No.	Name Of The Faculty	Title of the book/chapters published	Name of the conference	Relevant link
1	Dr. A.Sudhir Babu	An enhanced feature selection for Text documents	Proceedings of the Third International Conference on Smart Computing and Informatics, Volume 2	https://link.springer.com/chapter/10.1007/978-981-32-9690-9_3

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Details of Publications by Faculty

A.Y.2020-21: PATENTS

S. No	Name of Faculty	Title of Patent/Paper/Book Chapter	DOI NO / Patent Application No.
1	Dr. RangaSwamySirisati	Social media sentiments: profile based mapping social media sentiments using deep learning programming.	application no: 202041029812 file date: 14/07/2022 publication date: 21/08/2022
2	Dr. RangaSwamySirisati	ergonomically designed helmet with natural oxygen for prevention from air borne diseases & IoT for health monitoring	application no: 202041032685 file date: 30/07/2022 publication date: 21/08/2022
3	Dr. RangaSwamySirisati	effective instructors feedback system for education system and methods thereof	application no: 202041034055 file date: 07/08/2022 publication date: 21/08/2022
4	Dr. RangaSwamySirisati	ergonomically designed die casting table for safety and quality management	application no: 202041034350 file date: 11/08/2022 publication date: 04/09/2022
5	Dr. C. Srinivasa Kumar	ergonomically designed die casting table for safety and quality management	application no: 202041034350 file date: 11/08/2022 publication date: 04/09/2022
6	Dr. C. Srinivasa Kumar	IOT malware analysis system with deep learning approach	application no: 202041042912 file date: 02/10/2020 publication date: 09/10/2020
7	Dr. RangaSwamySirisati	IOT malware analysis system with deep learning approach	application no: 202041042912 file date:



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			02/10/2020 publication date:09/10/2020
8	Dr. G. Apparao Naidu	IOT malware analysis system with deep learning approach	application no: 202041042912 file date: 02/10/2020 publication date:09/10/2020
9	Mr. Kancharla Bharath Reddy	IOT malware analysis system with deep learning approach	application no: 202041042912 file date: 02/10/2020 publication date:09/10/2020
10	Mr. Phijik Battula	IOT malware analysis system with deep learning approach	application no: 202041042912 file date: 02/10/2020 publication date:09/10/2020
11	Mrs. Indrani Vasireddy	IOT malware analysis system with deep learning approach	application no: 202041042912 file date: 02/10/2020 publication date:09/10/2020