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<u>Department of Computer Science and Engineering</u> <u>Details of Faculty Publications</u>

Academic Year	Journals	Conferences	Patents	Book Chapters	Books	TOTAL
2021-22	23	6	18	25		72
2020-21	32	12	1	11	-	56
2019-20	16	1	2	-	-	19
2018-19	5	-	-	-	-	5
Total	76	19	21	36	-	152

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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3

Department of Computer Science and Engineering

Academic Year: 2021-22

Details of Publications by Faculty

S. No	Description	Fotal Number
1	Papers Published in Journals	23
2	Papers Presented in Conference	es 6
3	Published Patents	18
4	Book Chapters	25
	Total	72

Faculty List

S.NO	Name of the Faculty	No. of Journals	No. of Conferences	No. of Patents	No. of Book Chapters
1	Dr. G. Apparao Naidu			2	
2	Dr. C. Srinivasa Kumar	1		1	3
3	Dr. A. Sudhir Babu			1	1
4	Dr. Ch. Basavaraj	2		1	
5	Dr. Sirisati Ranga Swamy	2	2	3	6
6	Dr. P. Rajendra Prasad	2	1		1
7	Mr. K. Bharath Reddy				1
8	Mr. B. Phijik	4		1	1







9	Ms. Vasireddy Indrani				
10	Ms. Duli Swaroopa				
11	Mr. C. Sunil	1		1	1
12	Mr. G. Rajesh	1		2	1
13	Mr. S. Ravi Kumar	1			
14	Mr. N. Venu Kumar				
15	Ms. B. Geetha			1	1
16	Mr. S. Dilli Babu				
17	Mr. S. Sandeep Babu				
18	Ms. Cheruku Mounika				
19	Mr. T. Sharath				
20	Mr. M. Vishnu Vardhana Rao	3			1
21	Mr. M. Uday Kumar	1		2	
22	Ms .V. Sirisha				
23	Mr. S. Santhosh Kumar	1			1
24	Mr. R Krishna Nayak		1		1
25	Ms. K. Helini	1	1	1	1
26	Ms. J. Navaneetha				
27	Mr. V. Maddileti Reddy				1
28	Ms. K. Prathyusha			1	1



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29	Ms. V Rupa	1	1	1	1
30	Mr. Lagishetty Suresh				
31	Ms. B. Mamatha	1			
32	Ms. Kavya Jupaka				1
33	Ms. Chilukumari Mounika				1
34	Ms. G. Jyothi				
35	Ms. G. Ramya				
36	Mr. U. Venkat Rao				1
37	Ms. K. Kusuma Kumari	1			
38	Ms. P. Shilpa Sree				1

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Department of Computer Science and Engineering

Description of the Faculty Publications

A.Y:2021-2022 JOURNALS

S. No	Name of The Faculty	Title of Paper	Name of Journal	Volume, Issue and Page Numbers Publicati on Year	Link of The Recognition in UGC Enlistment of The Journal
1	Mr M .Vishnu Vardhana Rao	A Novel feature- Based SHM Assessment and predication approach for Robust evaluation of Damage Data Diagnosis Systems	Wireless Personal Communicati ons- WPC	21 January 2022	https://link.spri nger.com/conte nt/pdf/10.1007 /s11277-022- 09518-z.pdf
2	Dr S Ranga Swamy	A Frame Work for Effective Utilization of Cloud Resources and Optimal Scheduling Strategy with Complex Cloud Resources Under Whale Genetic Optimization	Soft Computing	Accepted on Nov30,20 21	SCI

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3	Dr C. Srinivasa Kumar	AI-Based Image Processing for covid-19 detection in chest CT scan Images	The International journal of analytical and experimental modal analysis ISSN NO: 0886-9367 IJAEMA	Volume XIII, Issue VII, July/202 1	http://www.ijae ma.com/VOLU ME-XIII-ISSUE- VII-JULY-2021/
4	Mr Rajesh Gundla	An expert weapon identification in security systems with convolution neural network(CNN)- Based SSD and Faster RCNN Algorithm	Journal of Xi'an University of architecture & Technology ISSN No: 1006-7930	Volume XIII, Issue 12, 2021	https://app.box .com/s/ngl807a g6rug8b8k681at v6hvitrkof9
5	Dr S. Ranga Swamy	Creation of Synthetic Data Of Chest X-Rays For Detection Of Covid-19 Using UNETGAN	JAC : A Journal Of Composition Theory ISSN : 0731- 6755	Volume XV, Issue II, FEBRUA RY 2022	http://www.jctj ournal.com/gall ery/14- feb2022asdf.pdf
6	Mr M. Vishnu Vardhana Rao	A Survey Analysis on Data Mining Techniques: ANN&VSM	Mukt Shabd Journal ISSN NO: 2347-3150	Volume XI, Issue V, MAY/202 2	https://app.box .com/s/wz2ovf5 6zf34zdn331lj06 7svo9sw6to

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7	Dr C. Srinivasa Kumar	Storage and Security Issues of Medical Images using Cloud Platform	Journal of Interdisciplinary Cycle Research ISSN NO: 0022- 1945	Volume XIII, Issue VI, June/2021	=
8	Mr S. Ravi Kumar	Cross validated hard Ensemble MLP Classification technique to detect Parkinson's disease	JAC : A Journal Of Composition Theory ISSN : 0731- 6755	Volume XIV, Issue XI, NOVEMB ER 2021	http://www.jctj ournal.com/gall ery/5- nov2021.pdf
9	Mr M. Vishnu Vardhana Rao	An Efficient Data Mining Technique for Structural Strength Monitoring System	Ingénierie des Systèmes d'Information -IIETA ISSN: 1633- 1311 (print); 2116-7125 (online)	Apr2021, Vol. 26 Issue 2, p237- 243. 7p	https://www.iie ta.org/journals/ isi/paper/10.18 280/isi.260211
10	Dr Basavaraj Chunchure	AI Based Machine Learning model for Covid Data Analysis	International Journal of Enhanced Research in Management & Computer Applications ISSN: 2319-	Vol. 11 Issue 2, February , 2022,	http://www.erp ublications.com /uploaded_files/ download/basav araj- chunchure_VVlo P.pdf

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			7471 Impact Factor: 7.751 IJERMCA		
11	Mr. S. Sandeep Babu	Storage and Security Issues of Medical Images using Cloud Platform	Journal of Interdisciplinary Cycle Research ISSN NO: 0022- 1945	Volume XIII, Issue VI, June/2021	=
12	Mr C. Sunil	Creation of Synthetic Data of Chest X-Rays For Detection of Covid-19 Using UNETGAN	JAC : A Journal Of Composition Theory ISSN : 0731-6755	Volume XV, Issue II, FEBRUA RY 2022	http://www.jctj ournal.com/gall ery/14- feb2022asdf.pdf
13	Mr S. Santhosh Kumar	Cross Validated Hard Ensemble MLP Classification Technique to Detect Parkinson's Disease	JAC : A Journal Of Composition Theory ISSN : 0731-6755	Volume XIV, Issue XI, NOVEMB ER 2021	http://www.jctj ournal.com/gall ery/5- nov2021.pdf

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14	Dr Basavaraj Chunchure	Software Prediction of defects at function points stage by meands of Neural Network	Gravida Review Journal ISSN NO: 0363-8057	VOL 8 ISSUE 3 2022	http://gradivare view.com/galler y/grj%203091.p df
15	Mrs. Kusuma Katakam	A Survey Analysis on Data Mining Techniques: ANN&VSM	Mukt Shabd Journal ISSN NO: 2347-3150	Volume XI, Issue V, MAY/202 2	https://app.box .com/s/wz2ovf5 6zf34zdn331lj06 7svo9sw6to
16	Mr B. Phijik	A Cross layer design in mobile ADHOC networks using modified ACO for effective management of power and bandwidth constraints	Journal of Interconnecti on Networks	Accepted o	on march 30,2021

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17	Mr M. Uday Kumar	Cross validated hard Ensemble MLP classification technique to detect Parkinson's disease	JAC : A Journal Of Composition Theory ISSN : 0731-6755	Volume XI NOVEMBE	V, Issue XI, CR 2021
18	Mr B. Phijik	Pragmatic Security-Aware Cross-Layer Design for wireless Networks from Vampire Attacks	Ingénierie des Systèmes d'Information .IIETA ISSN: 1633-1311 (print); 2116- 7125 (online)	Vol. 26, No. 6, Decembe r, 2021, pp. 559- 567	https://www.iie ta.org/journals/ isi/paper/10.18 280/isi.260606
19	Mr P. Rajendra Prasad	Software Prediction of Defects at Function Points Stage by Meands of Neural Network	Gravida Review Journal ISSN NO: 0363-8057	VOL 8 ISSUE 3 2022	http://gradivare view.com/galler y/grj%203091.p df
20	Mr B. Phijik	MANET Energy Efficient Multi- Path routing using Ant colony Optimization and Binary Particle Swarm Optimization	Turkish Online Journal of Qualitative Inquiry- TOJQI e-ISSN 1309- 6591	Vol. 12 No. 10 (2021)	https://www.toj qi.net/index.ph p/journal/articl e/view/9268
21	Dr C. Srinivasa Kumar	Diabetes Prediction using Machine Learning	Journal of Interdisciplin ary Cycle Research	Volume XIII, Issue VII, July/202	Ξ

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		Techniques	ISSN NO: 0022-1945	1	
22	Mr B. Phijik	A Survey Analysis on Data Mining Techniques: ANN&VSM	Mukt Shabd Journal ISSN NO: 2347-3150	Volume XI, Issue V, MAY/202 2	https://app.box .com/s/wz2ovf5 6zf34zdn331lj06 7svo9sw6to
23	Ms. B. Mamatha	Diabetes Prediction using Machine Learning Techniques	Journal of Interdisciplin ary Cycle Research ISSN NO: 0022-1945	Volume XIII, Issue VII, July/202	<u>-</u>

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Department of Computer Science and Engineering

Description of the Faculty Publications

A.Y. 2021-2022: CONFERENCES:

S. No.	Name of the Faculty	Title of the paper	Name of the Conference and ISBN Number	Link of the recognitio n in UGC enlistmen t of the Conferenc e
1	Dr S. Ranga Swamy	An Optimized Fuzzy based Resource allocation for Cloud using secured Tabu Search Technique"	ICICSE 2021 (9thInternational Conference on Innovations in Computer Science and Engineering	https://lin k.springer. com/chapt er/10.100 7/978- 981-16- 8987-1_17
2	Dr S. Ranga Swamy	An Enhanced Multi-Layer Neural Network to Detect Early Cardiac Arrests"	5th International Conference on Electronics, Communication and Aerospace Technology, ICECA2021 RVS Technical Campus, Coimbatore.	https://iee explore.iee e.org/docu ment/9675 882







3	Mrs K. Helini	An Integrated Methodology of TsF KNN Based Automated Data Classification And Security For Mobile Cloud Computing	5th International Conference on Data Engineering & Communicating Technology Proceedings(ICDECT- 2021)	
4	Mrs V. Rupa	An Integrated Methodology of TsF KNN Based Automated Data Classification And Security For Mobile Cloud Computing	5th International Conference on Data Engineering & Communicating Technology Proceedings(ICDECT- 2021)	-
5	Mr R. Krishna Nayak	A Greedy Load Balancing Strategy with Optimal Constraints for Edge Computing in Industrial Cloud Environment	Innovations in Computer Science and Engineering. Lecture Notes in Networks and Systems, vol 385. Springer, Singapore.	https://lin k.springer. com/chapt er/10.100 7/978- 981-16- 8987-1_4
6	Mr P. Rajendra Prasad	An Integrated Methodology of TsF KNN Based Automated Data Classification And Security For Mobile Cloud Computing	5th International Conference on Data Engineering & Communicating Technology Proceedings(ICDECT- 2021)	-

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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3

Department of Computer Science and Engineering

Description of the Faculty Publications

A.Y.2021-22: BOOK CHAPTERS

S. No.	Name Of The Faculty	Title of the book chapters published	Name of the conference	Relevant link
1	Dr. S. Ranga Swamy	An Aviation Delay Prediction And Recommendation System Using Machine Learning Techniques		https://www.s pringer.com/se ries/16171
2	Dr .C. Srinivas Kumar	An Adaptive Deep Learning Model To Forecast Crimes	1st International Virtual Conference On Integrated Intelligence Enable Networks & Computing (IIENC-2020)	https://www.s pringer.com/se ries/16171
3	Dr .C. Srinivas Kumar	Software Defect Prediction Using Optimized Cuckoo Search Based Nature Inspired Technique	4th International Conference On Smart Computing And Informatics(Sci- 2020	https://www.s pringer.com/se ries/11156
4	Dr. S. Ranga Swamy	A Hybrid Clinical Data Predication Approach Using Modified Pso	4th International Conference On Smart Computing And Informatics (Sci-2020)	https://www.s pringer.com/se ries/8767

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5	Dr. S. Ranga Swamy	An Adaptive Deep Learning Model To Forecast Crimes	1st International Virtual Conference On Integrated Intelligence Enable Networks & Computing (IIENC-2020)	https://www.s pringer.com/se ries/16171
6	Dr. S. Ranga Swamy	Auto-Adaptive Learning For Machine Perception Of Native Accent Using Deep Learning	1st International Conference On Mathematical Modeling And Computational Science	https://www.s pringer.com/se ries/11156
7	Dr. S. Ranga Swamy	Software Defect Prediction Using Optimized Cuckoo Search Based Nature Inspired Technique	4th International Conference On Smart Computing And Informatics(Sci- 2020	https://www.s pringer.com/se ries/11156
8	Dr. A. Sudhir Babu	Twitter Bot for Consumer Feedback Analysis using Machine Learning Classification Algorithms	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	=
9	Mrs B. Geetha	Liver Cancer Detection Using Artificial Neural Networks Image Processing Techniques	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	_







10	Mr. C. Sunil	Creating a Chatbot Using Python and Machine Learning Techniques	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	Ξ
11	Dr. C. Srinivasa Kumar	Detection of Fake Profiles on Social Networks using Machine Learning ANN & SVM Algorithms	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	Ξ
12	Mr. R. Krishna Nayak	AI Based Crop life prediction and analysis using Machine Learning Techniques	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	Ξ
13	Mr. P.Rajendra Prasad	Android Malware Detection Using Genetic Algorithm Based Feature Selection and Machine Learning	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	Ξ
14	Mrs. K.Prathyusha	AI Based Identification of Gender from Images Based on Facial Features using CNN and OPENCV	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	=







15	Mr. M. Vishnu Vardhana Rao	Artificial Image Classification and Detection Using Machine Learning CNN, SVM and k-NN Techniques	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	Ξ
16	Mrs. A. Rupa	Automated Interactive Agent Using Artificial Intelligence and Machine Learning	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	Ξ.
17	Mrs. K.Helini	Network Intrusion Detection using Supervised Machine Learning Technique with Feature Selection	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	1.1
18	Mr. B. Phijik	Real Time Drowsiness Monitoring System for Automobiles Drivers using Deep Learning Techniques	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	Ξ.
19	Mr. K. Bharath Reddy	Signature Recognition and Verification Using Machine Learning Softmax Regression Model	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	=







20	Dr. Ranga Swamy Sirisati	IoT Based Air Pollution Detector using Wireless Sensor Networks Techniques	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	
21	Mr. G. Rajesh,	A Novel Mechanism for Contrast & Color Improvement Based Haze Removal of Underwater Images Using Fusion Technique	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	
22	Mr. U. Venkat Rao	Artificial Intelligence based Smart Warehouse Management in Aviation Sector	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	
23	Ms. P. Shilpa Sri	Artificial Intelligence based Smart Warehouse Management in Aviation Sector	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	
24	Mr. S. Sandeep Babu	Artificial Intelligence based Smart Warehouse Management in Aviation Sector	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	

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25	V. Maddileti Reddy	Artificial Intelligence based Smart Warehouse Management in Aviation Sector	Challenges and Possible Solutions for Emerging Trends in Technologies ISBN: 978-93-5627- 706-9	
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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3

Department of Computer Science and Engineering

Description of the Faculty Publications

A.Y. 2021-2022: PATENTS:

S. No	Name of Faculty	Title of Patent	DOI NO / Patent Application No.
1	Dr G. Apparao Naidu	Automated Screening And Diagnosis of Common Vision- Threatening Diseases Method And Thereof	Application No:202241025685 File Date: 03/05/2022 Publication Date: 13/05/2022
2	Dr A. Sudhir Babu	CNN Algorithm Based Self Driving Car For Future Smart City Road Method And Thereof	Application No:202241025730 File Date: 03/05/2022 Publication Date: 13/05/2022
3	Dr Ranga Swamy Sirisati	High Yield Crop Precision Modern Agriculture Methods And Thereof	Application No:202241025714 File Date: 03/05/2022 Publication Date: 13/05/2022
4	Dr C. Srinivasa Kumar	Image Based Plant Diseases Detection Using Ai And Machine Learning Method And Thereof	Application No:202241025715 File Date: 03/05/2022 Publication Date: 13/05/2022
5	Mr. B. Phijik	Automated Screening And Diagnosis Of Common Vision- Threatening Diseases Method And Thereof	Application No:202241025685 File Date: 03/05/2022 Publication Date: 13/05/2022
6	Dr .G. Apparao Naidu	Brain Tumor Diagnosis With Advanced Image Technology And Machine Learning	Application No:202241025669 File Date: 03/05/2022 Publication Date: 13/05/2022







		Method And Thereof	
7	Mrs. Bhavani Geetha	Cultivation Of Agricultural Data Using IOT	Application No:202241000094 File Date: 03/01/2022 Publication Date: 14/01/2022
8	Dr Basavaraj Chunchure	Decreased The Search Engine Time Cloud Based Using Machine Learning	Application No:202141028431 File Date: 18/05/2022
9	Mr. G. Rajesh	High Yield Crop Precision Modern Agriculture Methods And Thereof	Application No:202241025714 File Date: 03/05/2022 Publication Date: 13/05/2022
10	Mr. M. Uday Kumar	Image Based Plant Diseases Detection Using Ai And Machine Learning Method And Thereof	Application No:202241025715 File Date: 03/05/2022 Publication Date: 13/05/2022
11	Mr. C. Sunil	CNN Algorithm Based Self Driving Car For Future Smart City Road Method And Thereof	Application No:202241025730 File Date: 03/05/2022 Publication Date: 13/05/2022
12	Dr Ranga Swamy Sirisati	A Medical Image Processing System, Image Processing method, And Medical Image Processing Device	Application No:202141050901 File Date: 06/11/2021 Publication Date: 03/12/2021
13	Mr. G. Rajesh	Cultivation Of Agricultural Data Using IOT	Application No:202241000094 File Date: 03/01/2022 Publication Date: 14/01/2022
14	Mrs. K.Prathyusha	CNN Algorithm Based Self Driving Car For Future Smart City Road Method And Thereof	Application No:202241025730 File Date: 03/05/2022 Publication Date: 13/05/2022
15	Mrs. K. Helini	Brain Tumor	Application No:202241025669







		Diagnosis With	File Date: 03/05/2022
		Advanced Image	Publication Date: 13/05/2022
		Technology And	
		Machine Learning	
		Method And Thereof	
16	Dr. S. Ranga Swamy	Smart Artificial Intelligence Based Fleet Analytic System	Application No: 2021106612 File Date: 02/10/2020 Publication Date:24/11/2021
17	Mr M. Uday Kumar	Cultivation Of Agricultural Data Using IOT	Application No:202241000094 File Date: 03/01/2022 Publication Date: 14/01/2022
18	Mrs. A. Rupa	Brain Tumor Diagnosis With Advanced Image Technology And Machine Learning Method And Thereof	Application No:202241025669 File Date: 03/05/2022 Publication Date: 13/05/2022

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