

Research Publications

Book chapter / Manual	Papers in Refereed International Journals	Written Discussion in Refereed International Journals	Contributed Papers in Conference or Symposium
02	27	-	12

a) Book Chapter

1. A book chapter authored by authored by Liyakathunisa Syed, Saima Jabeen and **S. Manimala** titled "Data Science Algorithms and Techniques for Smart Healthcare using IoT and Big Data Analytics" is accepted for publication in our edited volume titled "Smart Techniques for a Smarter Planet: Towards Smarter Algorithms" which will be published in the "Studies in Fuzziness and Soft Computing" book series, Springer (<http://www.springer.com/series/2941>). The series is indexed by ISI, DBLP and Ulrichs, SCOPUS, Zentralblatt Math, GeoRef, Current Mathematical Publications, IngentaConnect, MetaPress and Springerlink.

https://link.springer.com/chapter/10.1007/978-3-030-03131-2_11

https://doi.org/10.1007/978-3-030-03131-2_1

2. A book chapter authored by Liyakathunisa Syed, Saima Jabeen and S. Manimala, titled "Telemammography: A Novel Approach for Early Detection of Breast Cancer Through Wavelets Based Image Processing and Machine Learning Techniques" in Advances in Soft Computing and Machine Learning in Image Processing by Springer International Publishing Ag 2018, Studies in Computational Intelligence 730

<http://www.springer.com/978-3-319-63753-2>

https://doi.org/10.1007/978-3-319-63754-9_8

b) Papers in Refereed International Journals

1. Liyakathunisa Syed, Saima Jabeen, S Manimala, Abdullah Alsaeedi , "Smart healthcare framework for ambient assisted living using IoMT and big data analytics techniques", Future Generation Computer Systems, Elsevier, Volume 101, December 2019, Pages 136-151 <https://doi.org/10.1016/j.future.2019.06.004>
2. Roopesh R and Manimala.S, "**Test Coverage Enhancement using Hybrid Modular Approach**", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.8, Issue 7, page no.c68-c73, July-2021.

<http://doi.one/10.1729/Journal.27644>

3. Preethi V and Manimala.S, "**5G Registers UDM Product Performance Automation**", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.8, Issue 7, page no.d364-d367, July-2021
4. Manimala.S, Suraj. R, Syed Hazim, Chitranjan Kumar, Ravi CV, "A survey of different methods used in Detecting deepfakes", **Pramana Research Journal**, ISSN NO: 2249-2976, pp 25-35, Volume 11, Issue 6, 2021.
[DOI:16.10089.PRJ.2021.V11I6.20.9303](https://doi.org/10.161089.PRJ.2021.V11I6.20.9303)
5. Donapati V S R, Dr. Manimala, Chitturi P Kalyan, Kusuma M, M Thameem, "A Comparative Study Of Speech Emotion Recognition Using Various Machine Learning Algorithms", Pramana Research Journal, ISSN NO: 2249-2976, pp 36-42, Volume 11, Issue 6, 2021.
[DOI:16.10089.PRJ.2021.V11I6.20.9304](https://doi.org/10.161089.PRJ.2021.V11I6.20.9304)
6. Anitha, Manimala S, " Analysis of Hospital Resources with Mortality Rate", International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 8, August 2020
7. Varshika Gowda , Praful S Patil , S Anudeep , Dr. Manimala S "Revealing the hidden details of video using motion and colour magnification", International Journal For Technological Research In Engineering Volume 7, Issue 12, August-2020 ISSN (Online): 2347 - 4718
8. Deeksha Satish, Manimala.S "Study on cache replacement policies in coherent chip multiprocessor systems (cmps)", International Journal For Technological Research In Engineering Volume 5, Issue 10, June-2018.
9. Nidhishree G, Manimala S "**Design and Implementation of SNMP based Network Device Monitoring System**" Published in International Journal of Trend in Research and Development (IJTRD), ISSN: 2394-9333, Volume-4 | Issue-3 , June 2017,
10. Manimala.S, Meghashree.G, Poornima.G.Gokhale, Sindhu. Chandrashekar "Automated Handwriting Analysis for Human Behavior Prediction" International Journal of Computer Science and Engineering, IASET, Vol 5 Issue 5, pp 7-13: ,ISSN Print:2278-9960; ISSN Online:2278-9979; Impact Factor (JCC-2016): 4.6723; NAAS Rating:1.89; Index Copernicus Value: 3.00, Aug-Sept 2016.
11. Rahul.N and Manimala.S "A study on Recommender Systems and its different approaches", International Journal of Research (IJR), p-ISSN: 2348-6848, e-ISSN: 2348-795X, Volume 03 Issue 11, pp : 432-438 July2016, Index Copernicus Value: 5.60
12. Shivakumar S R, Manimala S, "A study on different routing protocols in VANETs", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ISSN: 0976-1353 Volume 16 Issue 2, pp : 121-128, July 2015.

13. Meghasree.G, Poornima.G.Gokhale, Sindhu. Chandrashekar, Manimala.S, "Classification Of Multispectral Images Into Forest Land And Cultivated Land ", IJRASE, International Journal On Recent Advances In Science Engineering, Vol 1, Issue 9, pp:43-48
14. Manimala.S and C.N.Ravi Kumar, "Anticipating Hand and Facial Features of Human Body using Golden Ratio", International Journal of Graphics & Image Processing (IJGIP), IFRSA, ISSN : 2249 5452, Vol 4, Issue 1, Feb 2014 pp : 15-20 ,
15. Manimala.S and C.N.Ravi Kumar, "Envisaging Torso and Leg Features using Topinard's canon System", Information Technology and Engineering, BEST Publications, Vol : 2 , Issue : 1, ISSN : 2348-0513, Jan 2014, pp : 91-96
16. Manimala.S and C.N.Ravi Kumar, "A Novel Method of Estimating Stature of a Person from Fractional Part of the Human Body", International Journal of Advances in Science and Technology, Silicon Valley Publishers, UK, ISSN : 2229-5216, Vol : 7, No. 6, pp:120-133, Dec 2013
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19. Manimala.S and C.N.Ravi Kumar, "A Novel Method of Anticipating Torso and Leg Features using Taalamana System", International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Impact Factor: 2.080 ISSN : 2277 128X, Vol:3, Issue :10, Oct 2013, pp 254-260
20. Manimala.S and C.N.Ravi Kumar, "Envisaging Hand and Facial Features of Human Body using Topinard's Canon System", International Journal of Advanced Research, ISSN : 2320-5407 ,impact factor : 1.659, Vol : 1, Issue :8, Oct 2013, pp:215-222
21. Manimala.S and C.N.Ravi Kumar, "A Novel Method Of Estimating Facial Features Using Taalamana System", International Journal of Computer Science Engineering an Information Technology Research (IJCSEITR) ; ISSN(Print) : 2249-6831 ISSN(Online): 2249-7943 ; June 2013, Transstellar Journal Publications ,Impact Factor(JCC): 3.8716, Vol 3, Issue 2, pp201-208, Received BEST PAPER award.
22. Manimala.S and C.N.Ravi Kumar, "A Novel Method of Envisaging Thumb Features from Middle Finger Width", International Journal of Scientific and Engineering Research, ISSN 2229-5518, Vol 2, Issue 12, 2011

23. Manimala.S and C N Ravi Kumar, "Forecasting Little Finger Features from Middle Finger Width: A Novel Method", International Journal of Advanced Research in Computer Science, ISSN :0976-5697, Vol 2 Issue 2, 2011, pp : 102-106
24. C N Ravi Kumar and Manimala.S, "A Novel Method of Constructing Human Middle Finger from its Fractional Part", International Journal of Computer Applications, Vol. 15, No. 1 , ISSN: 0975 – 8887, February 2011, pp 47–52, 2011
25. Manimala.S and C N Ravi Kumar, "Anticipating Features of Ring Finger from Middle Finger Width : A Novel Method", International Journal of Computer Science & Emerging Technologies, ISSN : 2044-6004, Vol 2, Issue 1. February, 2011, pp 89-94
26. Manimala.S and C N Ravi Kumar, "A Novel Method of Estimating Index Finger Features from Middle Finger Width", International Journal of Research and Reviews in Computer Science, Science Academy Publisher, United Kingdom, ISSN: 2079-2557, Vol 2, No. 1, 2011, pp 121-126, Accession No : 82589742
27. Manimala.S and C N Ravi Kumar, " Prediction of Middle Finger Features from its Width: A Novel Approach", International Journal of Advanced Research in Computer Science, ISSN : 0976-5697, Vol 1, Issue 4, 2010, pp 42-46

c) Contributed Papers in Conference or Symposium

1. Manimala.S, C.N.Ravi Kumar, "A framework for Human Structure using an Apportioned image", 7th International conference on Advances in Science Engineering and Technology (7 ICASET 2017) be held on April 24th 2017 at Rajiv Gandhi Institute of Technology, Bengaluru, India.
2. D S Sangeeta, Kavya shree A T, Shilpa, K Vatsalya S N, Manimala S, " Comparative Analysis Of Object Tracking algorithms", ISRASE, Second International Conference On Recent Advances In Science And Engineering, May 9th And 10th 2015, Bengaluru
3. Ankita Gajanan Naik, Malathi S Poojari, Sanghavi Gopinath, Manimala S, "AGROHELPER - An Android App : Natural Language Interface", ISRASE, Second International Conference On Recent Advances In Science And Engineering May 9th And 10th 2015, Bengaluru
4. Arya Bhat, Chaitra Ram Patgar , Lavanya C , Sridevi K M, Manimala S, "Classification Of Mammographic Images As Cancerous And Non-Cancerous ", ISRASE, Second International Conference On Recent Advances In Science And Engineering, May 9th And 10th 2015, Bengaluru
5. Meghasree.G, Poornima.G.Gokha, Sindhu. Chandrashekar, Manimala.S, "Classification Of Multispectral Images Into Forest Land And Cultivated Land ", ISRASE, Second International Conference On Recent Advances In Science And Engineering, May 9th And 10th 2015, Bengaluru, Selected for Journal publication

6. Manimala.S, Sachin.H.G., Satyajit.B.M. and Varun.P.M, “Factors Affecting Agriculture – An Estimation using Multispectral Satellite Imagery”, 2nd International Conference on Current Trends in Engineering and Management (ICCTEM-2014), 17-19 July 2014, pp:673-678, VVCE, Mysore
7. Manimala.S, C.Deepthi.S.Rao, Rashmi.G, Alaka Shetty, “An Insight into Visual Cryptographic Schemes”, 2nd International Conference on Current Trends in Engineering and Management (ICCTEM-2014), 17-19 July 2014, pp: 1249-1255,VVCE, Mysore
8. C N Ravi Kumar and Manimala.S, “Speculation of Hand Features from Middle Finger Width : A Novel Approach”, International Conference on Hand-based Biometrics (ICHB), Nov 17-18, 2011, 978-1-4577-0489-5 , [10.1109/ICHB.2011.6094316](https://doi.org/10.1109/ICHB.2011.6094316), Hong Kong, Indexed in IEEE Xplore.
9. Yogesha T, Srinath, Manimala S and Dr C.N.Ravikumar, “Improving Business Search on Mobile Devices using Javafx to Support Rich Internet Applications”, International Conference on Advanced Computing and Communication Technologies for High performance Applications at FISAT, Cochin, Dec 2010
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11. Yogesha T, Manimala S and Dr C.N.Ravikumar, “Layered based Software Testing Automation Framework: Improving Quality, Efficiency and Reducing Software Testing Effort”, National Conference on Emerging Trends in Information Technology and Computing (ETIC10), 2010
12. Yogesha T, Srinath, Manimala S and Dr C.N.Ravikumar, “Aspect Based Framework (ABF): Improving EQ and Reducing Testing Effort in Mobile Application”, National Conference on Software Engineering, NCSOFT 10