

PUBLICATIONS IN JOURNALS

1. Dr. T. Sumadhi 2024. “A Combined Poc- Hbcr Technique Using Block Chain And Deep Learning For Fake News Detection And Prevention” Adalya Journal DOI : 10.37896/aj13.4/002 ISSN NO: 1301-2746 Volume 13, Issue 4, APRIL2024 page No:8-18 <http://adalyajournal.com/> [UGC Care indexed]
2. Dr. T. Sumadhi 2023. “Hybridized Cnn-Rnn-Lstm Deep Learning Technology For Fake News Detection In Social Media” in Journal of the Maharaja Sayajirao University of Baroda- 2023 ISSN :0025-0422 [UGC care Indexed]
3. Dr. T. Sumadhi 2023.” A Review On Block Chain Techniques For Ke News Detection In Social Media” Journal of the Maharaja Sayajirao University of Baroda 2023 ISSN :0025-0422[UGC care indexed]
4. Dr. T. Sumadhi 2023.”A Review On Integrating Block Chain And Machine Learning Techniques For Fake News Detection In Social Media”Dogo Rangsang Research Journal 2023 ISSN : 2347-7180[UGC care Indexed]
5. Dr. T. Sumathi , 2023. “Performance Evaluation of Proposed HBCR Deep Learning Model for Fake News Detection in Social Media” Indian Journal of Natural Sciences- 2023 ISSN: 0976 – 0997[Web of science indexed]
6. Sumathi, T. and M. Hemalatha, 2013. High Performance EMID Framework for Automatic Image Annotation and Retrieval. I.J. Imaging and robotics, 11(2): 24-36.[Scopus Indexed]
7. Sumathi, T. and M. Hemalatha, 2013. An Enhanced Approach for Solving Class Imbalance Problem in Automatic Image Annotation. I.J. Image, Graphics and Signal Processing, 5(2): 9-16.
8. Sumathi, T. and M. Hemalatha, 2012. A Novel JSVM Approach for Automatic Image Annotation and Retrieval. Int. J. Computer Applications, 52(10): 10-14.
9. Sumathi, T. and M. Hemalatha, 2012. Towards Improving Automatic Image Annotation using Improvised Fractal SMOTE Approach. ACM Proc. Advances in Computing, Communications and Informatics, 1(1): 704-710.
10. Sumathi, T. and M. Hemalatha, 2012. A Novel approach for Automatic image annotation using Enhanced Multi-Instance Differentiation Framework. Procedia Engineering, 38(1): 2694-2701. (Scopus Indexed)

11. Sumathi, T. and M. Hemalatha, 2011. An Innovative Hybrid Hierarchical Model for Automatic Image Annotation. Springer LNCS, Communication in Computer & Information Science, 2(270): 718-726. (Impact Factor: 1.2)
12. Sumathi, T. and M. Hemalatha, 2011. A Combined Hierarchical Model for Automatic Image Annotation and Retrieval. IEEE Proc. Advance Computing, 1(1): 324-329. (Impact Factor: 1.2).
13. Sumathi, T., C. Lakshmi Devasena, R. Revathi, S. Priya and M. Hemalatha, 2011. Automatic Image Annotation and Retrieval using Multi-instance Multi-label Learning. Bonfring Int. J. Advances in Image Processing, 1(special issue): 1-5.
14. Sumathi, T., P. Nagarajan and M. Hemalatha, 2011. An Empirical Study on Image/Video Retrieval Techniques Grand Challenges and Trends. Int. J. Computer Information System, 2(6): 20-26. (Impact Factor: 0.242)
15. Lakshmi Devasena, C., T. Sumathi and M. Hemalatha, 2011. An Experiential Survey on Image Mining Tools, Techniques and Applications. Int. J. Computer Science and Engineering, 3(3): 1155-1167. (Elsevier Indexed)
16. Sumathi, T., C. Lakshmi Devasena and M. Hemalatha, 2011. An Overview of Automated Image Annotation Approaches. Int. J. Research and Reviews in Information Science, 1(1): 1-6. (Impact Factor: 0.242)
17. Sumathi, T. and M. Hemalatha, 2011. Semantic Web Image Search through Manual Annotation. Int. J. Computer Application, 17(8): 39-42. (Impact Factor: 0.835)
18. Lakshmi Devasena, C., T. Sumathi and M. Hemalatha, 2011. Effectiveness Evolutional of Rule Based Classifiers for the Classification of Iris Dataset. Bonfring Int. J. Man Machine Interface, 1(1): 5-9.
19. Revathi, R., P. Revathi, T. Sumathi and M. Hemalatha, 2011. Overview of Image Processing Techniques - A Survey. Global J. Computer Applications and Technology, 1(4): 512-520.
20. Sumathi, T. and M. Hemalatha, 2011. A Novel Approach for Automatic Image Annotation and Retrieval. Karpagam J. Computer Science, 5(5): 313-318.
21. Sumathi, T. and M. Hemalatha, 2011. An Innovative Image Fusion Algorithm Based on Wavelet Transform and Improved Discrete Fast Curvelet Transform. Cent. Euro. J. Computer Science, 1(3): 329-340. (Impact Factor: 1.8, Indexed Springer)
22. Sumathi, T., A. Edwin Robert, B. Bharathi and M. Hemalatha, 2011. Image Fusion Algorithm based on Wavelet Transform and IDFC Transform. Int. J. GJACT, 1(2): 184-190.
23. Sumathi T, Anitha G, Rosealin Mary Clare, 2011. Enhancing Semantic web Image Search Precision Using Annotated RDF Model. International Journal of Advanced Research in Computer Science; 2(4):27-32.

24. Sumathi, T. and M. Hemalatha, 2010. An Empirical study on Performance Evolution in automatic Image Annotation and Retrieval. Int. J. Advanced Research in Computer Science, 1(4): 13-17.

PUBLICATIONS IN BOOK CHAPTERS

25. Dr. T.Sumadhi 2024. “An Empirical Secured Framework Using Combined Poc And Hb Cr Deeplearning Technique For Fake News Detection And Prevention In Social Media”- proceedings of International Conference on Computational Intelligence (ICCI) organised by the Department of Computer Science (UG), Kristu Jayanti College (Autonomous), Bengaluru in collaboration with Lincoln University College, Malaysia and Karnataka State Council for Science and Technology. 26th & 27th February, 2024. [proceedings not received]
26. Dr. T.Sumadhi 2023. “A Review On Analyzing Various Machine Learning And Deep Learning Algorithms For Fake News Detection In Social Media”- proceedings of international conference on smart technologies on data analytics with ISBN: 978-93-83191-92-5 Pg.No:261-268 26th may 2023.
27. Dr. T.Sumadhi 2023 “Impacts Of Ict And Iot In Smarter Education Paradigms – A Special Focus On Students With Disabilities”- Perspective Of Ict Tools In Education Sponsored by Indian Council of Social Science Research (ICSSR) Ministry of Education, New Delhi, Volume – II organized by Dept.of commerce – Shanlax Publication, Madurai - ISBN: 978-93-94004-27-6 Pg.No:72-81 Ist edition.
28. Dr. T.Sumadhi 2023 “A Review on Analyzing the Impacts of Artificial Intelligence and Machine Learning in Higher Education”- Vision For Vishwa Guru India: Initiatives For Global Leadership By 2047 Sponsored by Indian Council of Social Science Research (ICSSR) Ministry of Education, New Delhi, Volume – II organized by Dept.of commerce – Shanlax Publication, Madurai - ISBN: 978-93-94004-24-5 Pg.No:141-151 Ist edition.
29. Dr. T.Sumadhi 2023 “The Role of Blended Learning in Education 4.0 and Its Sustainable Impact on Higher Education: A Review”- Published in ICSSR Sponsored conference on Blended mode of Teaching and learning for teachers community organized by Dept.of commerce(BPS) – Shanlax Publication, Madurai - ISBN: 978-93-94004-07-8 Pg.No:149 -155 Ist edition.

30. Dr. T.Sumadhi 2023 “A Review on Analysing the Impacts of National Education Policy - A Special Focus on Integrating Artificial Intelligence in NEP”- Published in ICSSR Sponsored conference on Blended mode of Teaching and learning for teachers community organized by Dept.of commerce(BPS) – Shanlax Publication, Madurai - ISBN: 978-93-94004-07-8 Pg.No:116-123 Ist edition.
31. Dr. T.Sumadhi 2023 “AI Revolutionizing Education: An In-Depth Analysis Of Artificial Intelligence Integration In Indian Education Systems”- Published in ICSSR Sponsored conference on Blended mode of Teaching and learning for teachers community organized by Dept.of commerce(IB) – Shanlax Publication, Madurai - ISBN: 978-93-94004-07-8 Pg.No:116-123 Ist edition.
32. Dr. T.Sumadhi 2022“An Empirical Review on Analyzing the Role of Artificial Intelligence and Machine Learning in Digitalization”- Published in DK International Research Foundation conference proceeding book with ISBN: 978-93-90956-04-3 Pg.No:47-55