

B. V. V. Sangha's
Basaveshwar Engineering College (Autonomous), Bagalkot
Department of Computer Applications
List of Publications (Year-wise)

Book Chapters:

1. Murali S., Chittapur G.B., Prabhakara H.S. (2013) Detection of Digital Photo Image Forgery Using Copy-Create Techniques. In: S M., Kumar S. (eds) Proceedings of the Fourth International Conference on Signal and Image Processing 2012 (ICSIP 2012). Lecture Notes in Electrical Engineering, vol 221. Springer, India. https://doi.org/10.1007/978-81-322-0997-3_26
2. Chittapur G.B., Murali S., Prabhakara H.S. (2014) Exposing Digital Forgery in Video by Mean Frame Comparison Techniques. In: Sridhar V., Sheshadri H., Padma M. (eds) Emerging Research in Electronics, Computer Science and Technology. Lecture Notes in Electrical Engineering, vol 248. Springer, New Delhi. https://doi.org/10.1007/978-81-322-1157-0_57
3. Wadawadagi R.S., Pagi V.B. (2019) A Deep Recursive Neural Network Model for Fine-Grained Opinion Classification. In: Santosh K., Hegadi R. (eds) Recent Trends in Image Processing and Pattern Recognition. RTIP2R 2018. Communications in Computer and Information Science, vol 1037. Springer, Singapore.
4. Wadawadagi, Ramesh S. and Veerappa B. Pagi. Sentiment Analysis on Social Media: Recent Trends in Machine Learning (2020). Handbook of Research on Emerging Trends and Applications of Machine Learning, edited by Arun Solanki, et al., IGI Global, 2020, pp. 508-527.
5. Wadawadagi R., Pagi V. (2021) Fine-Grained Sentiment Rating of Online Reviews with Deep-RNN. In: Chiplunkar N., Fukao T. (eds) Advances in Artificial Intelligence and Data Engineering. Advances in Intelligent Systems and Computing, vol 1133. Springer, Singapore.
6. Wadawadagi R., Pagi V. (2021) Disaster Severity Analysis from Micro-Blog Texts Using Deep-NN. In: Bhateja V., Peng SL., Satapathy S.C., Zhang YD. (eds) Evolution in Computational Intelligence. Advances in Intelligent Systems and Computing, vol 1176. Springer, Singapore.

Journals:

1. Chittapur Govindraj and Pooja Kolhar (2008) Information Security through Steganography. International Journal of Engineering Science and Computing (IJESC), ISSN 250-1371, volume 8, Issue 7, PP. 18683- 18686, July 2008.
2. Dr. B. S. Anami V. B. Pagi, S. M. Magi (2011) Wavelet-based acoustic analysis for determining health condition of motorized two-wheelers, Applied Acoustics Elsevier, doi.org/10.1016/j.apacoust.2011.01.015.
3. Dr. B. S. Anami V. B. Pagi, S. M. Magi (2011) Comparative performance analysis of three classifiers for acoustic signal-based recognition of motorcycles using time- and frequency-domain features, IET Intelligent Transport Systems, doi: 10.1049/iet-its.2011.0162
4. Govindraj Chittapur S. Murali (2012) Detection of photo-forgery detection techniques. International Journal of Machine Intelligence volume4 Issue 1 2012
5. Govindraj Chittapur, S. Murali (2012) COMPARISON AND ANALYSIS OF PHOTO IMAGEFORGERY DETECTION TECHNIQUES, International Journal on Computational Sciences & Applications (IJCSA) Vo2, No.6, December 2012 pp.45-56 DOI: 10.5121/ijcsa.2012.2605.
6. Govindraj Chittapur S. Murali (2012) JPEG and Direction Filters: Photo Image Forgery Detection Techniques, International Journal of Computer Sciences, Systems Engineering and Information Technology volume5 Issue2 2012.
7. Govindraj Chittapur, S. Murali, (2014) Digital Doctoring Detection Techniques ,International Journal of Advanced Technology & Engineering Research (IJATER), ISSN No: 2250-3536, volume 4, Issue 3, pp13-17, 2014.
8. Basavaraj S. Anami, Ramesh S. Wadawadagi and Veerappa B. Pagi (2014) Machine Learning Techniques in Web Content Mining: A Comparative Analysis, Journal of Information & Knowledge Management, Vol. 13, No. 01, 1450005
9. C. S. Vijayashree, Vishwanath C Kagawade, T Vasudev (2014) Estimation of Tilt in Characters and Correction for better Readability by OCR Systems, International Journal of Computer Applications (0975 – 8887) Volume 90 – No 13, March 2014.
10. Shanmukhappa Angadi and Vishwanath Kagawade (2016) Face recognition through symbolic modeling and analysis of segmented face images using Savitzky Golay filter features, International Journal of Technology and Science, ISSN (Online) 2350-1111, (Print) 2350-1103 Volume IX, Issue 1, 2016 pp. 50-55.
11. Sangamesh M. Magi, Mahantesh Elemmi, Vikram Shirol (2016) Classification of Peanuts Varieties and their Quality Grading, Journal of Image Processing and Artificial Intelligence, Volume 2 Issue 2, MAT journals.
12. Sangamesh M. Magi, Vikram Shirol. Deepa S Grag (2016) Classification of Peanuts Varieties and their Quality Grading, Journal of Image Processing and Artificial Intelligence, Volume 2 Issue 2, MAT journals.

13. Sangamesh M. Magi, Mahantesh Elemmi, Vikram Shirol (2016) Classification of Human Brain Strokes using CT Scanned Images, Journal of Image Processing and Artificial Intelligence, Volume 2 Issue 2, MAT journals.
14. Shanmukhappa A. Angadi and Vishwanath C. Kagawade (2017) A robust face recognition approach through symbolic modeling of polar FFT features, Pattern Recognition 71C (2017), pp. 235-248. Elsevier. <https://doi.org/10.1016/j.patcog.2017.06.014>.
15. Chittapur Govindraj and Veena Desai (2017) Forum Based Data Mining Tool for Teaching Learning Experience, International Journal of Emerging Trends & Technology in Computer Science, ISSN 2278-6856, volume6, Issue 4, pp 072-076, July-August 2017.
16. Chittapur Govindraj and Chetan Konnur (2017) An Ideology for Text Scooping Method, International Journal of Engineering Science and Computing (IJESC), ISSN 2250-1371, volume 7, Issue 7, pp 14126-14129, July 2017.
17. Chittapur Govindraj and Anusha Jaishetti (2017) Effective and Robust Technique to Learn and Reconstruct Fingerprint from Minutiae to Image, International Journal of Engineering Science and Computing (IJESC), ISSN 2250-1371, volume 7, Issue 7, pp 14130-14133, July 2017.
18. Vishwanath C. Kagawade and Shanmukhappa A. Angadi (2019) Multi-directional local gradient descriptor: A new feature descriptor for face recognition, Image and Vision Computing, Vol. 83-84, 39-50. Elsevier. <https://doi.org/10.1016/j.imavis.2019.02.001>.
19. Govindraj Chittapur, S. Murali (2019) Copy Create Video Forgery Detection Techniques Using Frame Correlation Difference by Referring SVM Classifier, International Journal of Computer Engineering In Research Trends (IJCERT), ISSN:2349-7084, Vol.6, Issue 12, pp.4-8, December – 2019
20. Govindraj Chittapur, S. Murali (2019) Forensic Approach for Region of Copy-Create Video Forgery by Applying Frame Similarity Approach, Research Journal of Computer and Information Technology Science (RJCITS), ISSN: 2320 – 6527, Volume 7, Issue 2, pp. 12-17, December – 2019.
21. Govindraj Chittapur, S. Murali (2019) Video Forgery Detection Using Motion Extractor by Referring Block Matching Algorithm, International Journal of Scientific & Technology Research (IJSTR), ISSN: 2277-8616 Volume 8, Issue 10, pp 3240-3243, October 2019
22. Govindraj Chittapur, Pushpa H. (2019) Milestones and Challenges of Fake News Detection using Digital Forensic Approach, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 06 Issue: 06 June 2019 pp: 3743-3746.

23. Ramesh S Wadawadagi, Veerappa B Pagi (2019) An enterprise perspective of web content analysis research: a strategic road-map, *International Journal of Knowledge and Web Intelligence*, vol. 6, issue 2, pp. 51-88 (2019)
24. Ramesh S. Wadawadagi & Veerappa B. Pagi (2019) A multi-layer approach to opinion polarity classification using augmented semantic tree kernels, *Journal of Experimental & Theoretical Artificial Intelligence*, vol. 31, issue 3, pp. 349-367 (2019)
25. Govindraj Chittapur, S. Murali (2020) Tempo Temporal Forgery Video Detection Using Machine Learning Approach, *Journal of Information Assurance & Security (JIAS)*, ISSN: 1554-1010, vol.15, issue 4, pp.144-152. June 2020
26. Govindraj Chittapur, S. Murali (2020) Forensic Approach for Object Elimination and Frame Replication Detection Using Noise Based Gaussian Classifier, *International Journal of Computer Engineering In Research Trends (IJCERT)*, ISSN:2349-7084, Vol.7, Issue 03, pp.1-5, March – 2020.
27. Wadawadagi, R., Pagi, V. (2020) Sentiment analysis with deep neural networks: comparative study and performance assessment (2020). *Artificial Intelligence Review*, vol. 53, pp. 6155-6195 (2020).
28. Vishwanath C. Kagawade and Shanmukhappa A. Angadi (2021) Savitzky–Golay filter energy features-based approach to face recognition using symbolic modeling, *Pattern Analysis and Applications* (2021). Springer London. <https://doi.org/10.1007/s10044-021-00991-z>.
29. Vishwanath C. Kagawade and Shanmukhappa A. Angadi (2021) Fusion of Frequency Domain Features of Face and Iris Traits for Person Identification, *Journal of The Institution of Engineers (India): Series B* (2021). Springer India. <https://doi.org/10.1007/s40031-021-00602-9>.
30. Vishwanath C. Kagawade and Shanmukhappa A. Angadi (2021) VISA: a multimodal database of face and iris traits, *Multimedia Tools and Applications*, 80, 21615–21650 (2021). Springer US. <https://doi.org/10.1007/s11042-021-10650-4>.

Conferences:

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2. S. Murali, Govindraj B. Chittapur, and H. S. Prabhakara (2012) Format based photo forgery image detection. In Proceedings of the Second International Conference on Computational Science, Engineering and Information Technology (CCSEIT '12). Association for Computing Machinery, New York, NY, USA, 452–457. DOI: <https://doi.org/10.1145/2393216.2393292>.
3. Kagawade V. C., Vijayashree C. S., Vasudev T. (2013) Transformation of Artistic Form Text to Linear Form Text for OCR Systems, In: Kumar M. A., R. S., Kumar T. (eds) Proceedings of International Conference on Advances in Computing. Advances in Intelligent Systems and Computing, vol 174. Springer, New Delhi. https://doi.org/10.1007/978-81-322-0740-5_138.
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5. Chittapur G.B., Murali S., Prabhakara H.S. (2014) Exposing Digital Forgery in Video by Mean Frame Comparison Techniques. In: Sridhar V., Sheshadri H., Padma M. (eds) Emerging Research in Electronics, Computer Science and Technology. Lecture Notes in Electrical Engineering, vol 248. Springer, New Delhi. https://doi.org/10.1007/978-81-322-1157-0_57
6. Shanmukhappa Angadi and Vishwanath C. Kagawade (2017) Iris recognition using Savitzky-Golay filter energy feature through symbolic data modeling, 6th IEEE international conference on Advances in Computing, Communications and Informatics (ICACCI 2017), 13-16 September 2017, Manipal University, Karnataka, ISBN: 978-1-5090-6367-3, Jan. 06, 2017. IEEE. <https://doi.org/10.1109/ICACCI.2017.8126047>.
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Bangalore, ISBN: 978-1-5386-0568-4, 17-19 August 2017. IEEE. <https://doi.org/10.1109/SmartTechCon.2017.8358392>.

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10. Shanmukhappa A. Angadi and Vishwanath C. Kagawade (2018) Face and iris wavelet feature fusion through canonical correlation analysis for person identification, Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT), 14-15th December 2018, GSSSIETW, Mysore. IEEE. <https://doi.org/10.1109/ICEECCOT43722.2018.9001636>.
11. Shanmukhappa Angadi and Vishwanath C. Kagawade (2018) Face Recognition Through Symbolic Data Modeling of Local Directional Gradient, In: Shetty N., Patnaik L., Prasad N., Nalini N. (eds) Emerging Research in Computing, Information, Communication and Applications. ERCICA 2016. Springer, Singapore. https://doi.org/10.1007/978-981-10-4741-1_7.
12. Pagi V.B., Wadawadagi R.S. (2018) Opinion Content Extraction from Web Pages Using Embedded Semantic Term Tree Kernels. In: Chaki N., Cortesi A., Devarakonda N. (eds) Proceedings of International Conference on Computational Intelligence and Data Engineering. Lecture Notes on Data Engineering and Communications Technologies, vol 9. Springer, Singapore.
13. Govindraj Chittapur, S. Murali (2019) Forensic Approach for Region of Copy-Create Video Forgery by Applying Frame Similarity Approach, 6th International Virtual Congress (IVC-2019), at www.isca.net.co 5th to 10th August 2019. souvenir of IVC-2019 with ISBN 978-93-86675-55-2.
14. Shrinivas S. Gujarathi (2020), Global Business Trends In View of Lock Down and Role of Digital Transformation for Sustainability, Volume May 2020, Year 2020, Pages 15-18.