

SREEPATHY INSTITUTE OF MANAGEMENT AND TECHNOLOGY, VAVANOOR

DETAILS OF PAPERS PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCE PROCEEDINGS DURING 2015-2020

1. [P.M. Abhilash, D. Chakradhar, Surface integrity comparison of wire electric discharge machined Inconel 718 surfaces at different machining stabilities, Procedia CIRP, Volume 87, 2020, Pages 228-233, ISSN 2212-8271,https://doi.org/10.1016/j.procir.2020.02.037.](https://doi.org/10.1016/j.procir.2020.02.037)
2. [Akshaya R., Menon H.P. \(2019\) Gray-Level Feature Based Approach for Correspondence Matching and Elimination of False Matches. In: Pandian D., Fernando X., Baig Z., Shi F. \(eds\) Proceedings of the International Conference on ISMAC in Computational Vision and Bio-Engineering 2018 \(ISMAC-CVB\). ISMAC 2018. Lecture Notes in Computational Vision and Biomechanics, vol 30. Springer, Cham. https://doi.org/10.1007/978-3-030-00665-5_28](https://doi.org/10.1007/978-3-030-00665-5_28)
3. [S. P. Sebin and G. J. Bala, "Internet of Things - A Realization," 2019 2nd International Conference on Signal Processing and Communication \(ICSPC\), 2019, pp. 46-48, doi: 10.1109/ICSPC46172.2019.8976619.](https://doi.org/10.1109/ICSPC46172.2019.8976619)
4. [Mohamed Asharudeen J., Menon H.P. \(2019\) Anatomical Segmentation of Human Brain MRI Using Morphological Masks. In: Pandian D., Fernando X., Baig Z., Shi F. \(eds\) Proceedings of the International Conference on ISMAC in Computational Vision and Bio-Engineering 2018 \(ISMAC-CVB\). ISMAC 2018. Lecture Notes in Computational Vision and Biomechanics, vol 30. Springer, Cham. https://doi.org/10.1007/978-3-030-00665-5_74](https://doi.org/10.1007/978-3-030-00665-5_74)
5. [Menon H.P. \(2018\) An Analysis on the Influence that the Position and Number of Control Points Have on MLS Registration of Medical Images. In: Thampi S., Krishnan S., Corchado Rodriguez J., Das S., Wozniak M., Al-Jumeily D. \(eds\) Advances in Signal Processing and Intelligent Recognition Systems. SIRS 2017. Advances in Intelligent Systems and Computing, vol 678. Springer, Cham. https://doi.org/10.1007/978-3-319-67934-1_5](https://doi.org/10.1007/978-3-319-67934-1_5)
6. [Vikram K., Menon H.P., Dhanalakshmy D.M. \(2018\) Segmentation of Brain Parts from MRI Image Slices Using Genetic Algorithm. In: Hemanth D., Smys S. \(eds\) Computational Vision and Bio Inspired Computing. Lecture Notes in Computational](https://doi.org/10.1007/978-3-319-67934-1_5)

[Vision and Biomechanics, vol 28. Springer, Cham. https://doi.org/10.1007/978-3-319-71767-8_38](https://doi.org/10.1007/978-3-319-71767-8_38)

7. [Menon H.P., Hiralal R., Anand Kumar A., Devasia D. \(2018\) Segmentation of MRI Brain Images and Creation of Structural and Functional Brain Atlas. In: Hemanth D., Smys S. \(eds\) Computational Vision and Bio Inspired Computing. Lecture Notes in Computational Vision and Biomechanics, vol 28. Springer, Cham. https://doi.org/10.1007/978-3-319-71767-8_31](https://doi.org/10.1007/978-3-319-71767-8_31)
8. [Menon H.P., Nitheesh A.S. \(2018\) Structural Matching of Control Points Using V-D-L-A Approach for MLS Based Registration of Brain MRI/CT Images and Image Graph Construction Using Minimum Radial Distance. In: Thampi S., Mitra S., Mukhopadhyay J., Li KC., James A., Berretti S. \(eds\) Intelligent Systems Technologies and Applications. ISTA 2017. Advances in Intelligent Systems and Computing, vol 683. Springer, Cham. https://doi.org/10.1007/978-3-319-68385-0_30](https://doi.org/10.1007/978-3-319-68385-0_30)
9. [H. P. Menon, "Issues involved in automatic selection and intensity based matching of feature points for mls registration of medical images," 2017 International Conference on Advances in Computing, Communications and Informatics \(ICACCI\), 2017, pp. 787-792, doi: 10.1109/ICACCI.2017.8125938.](https://doi.org/10.1109/ICACCI.2017.8125938)
10. [V. M. Dileepan, K. T. Madhavan and J. Jayakumar, "Performance analysis of lithium polymer battery and super capacitor," 2017 International Conference on Energy, Communication, Data Analytics and Soft Computing \(ICECDS\), 2017, pp. 2029-2033, doi: 10.1109/ICECDS.2017.8389805.](https://doi.org/10.1109/ICECDS.2017.8389805)
11. [D. M. Dhanalakshmy and H. P. Menon, "Curved document image rectification," 2017 International Conference on Advances in Computing, Communications and Informatics \(ICACCI\), 2017, pp. 783-786, doi: 10.1109/ICACCI.2017.8125937.](https://doi.org/10.1109/ICACCI.2017.8125937)
12. [V. M. Dileepan and J. Jayakumar, "Performance analysis of lithium batteries," 2017 International Conference on Innovations in Electrical, Electronics, Instrumentation and Media Technology \(ICIEEIMT\), 2017, pp. 330-333, doi: 10.1109/ICIEEIMT.2017.8116860.](https://doi.org/10.1109/ICIEEIMT.2017.8116860)
13. [D. M. Dhanalakshmy, H. P. Menon and V. Vinaya, "Musical notes to MIDI conversion," 2017 International Conference on Advances in Computing, Communications and Informatics \(ICACCI\), 2017, pp. 799-804, doi: 10.1109/ICACCI.2017.8125940.](https://doi.org/10.1109/ICACCI.2017.8125940)

14. [K. M. Keerthana, B. Rajeshwari, S. Keerthi and H. P. Menon, "Classification of tooth type from dental X-ray image using projection profile analysis," 2017 International Conference on Signal Processing and Communication \(ICSPC\), 2017, pp. 394-398, doi: 10.1109/CSPC.2017.8305877.](#)
15. [Menon H.P., Rajeshwari B. \(2016\) Enhancement of Dental Digital X-Ray Images based On the Image Quality. In: Corchado Rodriguez J., Mitra S., Thampi S., El-Alfy ES. \(eds\) Intelligent Systems Technologies and Applications 2016. ISTA 2016. Advances in Intelligent Systems and Computing, vol 530. Springer, Cham. \[https://doi.org/10.1007/978-3-319-47952-1_3\]\(https://doi.org/10.1007/978-3-319-47952-1_3\)](#)
16. [Hiralal R., Menon H.P. \(2016\) A Survey of Brain MRI Image Segmentation Methods and the Issues Involved. In: Corchado Rodriguez J., Mitra S., Thampi S., El-Alfy ES. \(eds\) Intelligent Systems Technologies and Applications 2016. ISTA 2016. Advances in Intelligent Systems and Computing, vol 530. Springer, Cham. \[https://doi.org/10.1007/978-3-319-47952-1_19\]\(https://doi.org/10.1007/978-3-319-47952-1_19\)](#)
17. [Menon H.P., Narayanankutty K.A. \(2016\) MRI/CT IMAGE FUSION USING GABOR TEXTURE FEATURES. In: Corchado Rodriguez J., Mitra S., Thampi S., El-Alfy ES. \(eds\) Intelligent Systems Technologies and Applications 2016. ISTA 2016. Advances in Intelligent Systems and Computing, vol 530. Springer, Cham. \[https://doi.org/10.1007/978-3-319-47952-1_4\]\(https://doi.org/10.1007/978-3-319-47952-1_4\)](#)
18. [Raparla, H.B. & Kumar, R.P.. \(2015\). Progressive collapse analysis of RC buildings subjected to seismic loads. 89. 13-25.](#)