2014 International Conference on, Melmaruvathur, 2014, pp. 1680-1685.

[36] A. Huang*, R. Abugharbieh, R. Tam and Alzheimer's Disease Neuroimaging Initiative, "A Hybrid Geometric-Statistical Deformable Model for Automated 3-D Segmentation in Brain MRI," in IEEE Transactions on Biomedical Engineering, vol. 56, no. 7, pp. 1838-1848, July 2009.

[37] Neeraja Menon and Rohit Ramakrishnan, "Brain Tumor Segmentation in MRI images using unsupervised Artificial Bee Colony algorithm and FCM clustering," Communications and Signal Processing (ICCSP), 2015 International Conference on, Melmaruvathur, 2015, pp. 0006-0009.

[38] M. Karnan and T. Logheshwari, "Improved implementation of brain MRI image segmentation using Ant Colony System," Computational Intelligence and Computing Research (ICCIC), 2010 IEEE International Conference on, Coimbatore, 2010, pp. 1-4.

[39] B. F. Zohra, B. Nacéra and T. A. Abdelmalik, "Adjustment of active contour parameters in Brain MRI segmentation using evolution strategies," 2015 4th International Conference on Electrical Engineering (ICEE), Boumerdes, 2015, pp. 1-7.

[40] C. Ciofolo, C. Barillot and P. Hellier, "Combining fuzzy logic and level set methods for 3D MRI brain segmentation," Biomedical Imaging: Nano to Macro, 2004. IEEE International Symposium on, 2004, pp. 161-164 Vol. 1.

[41] B. S. Anami and P. H. Unki, "A combined fuzzy and level sets' based approach for brain MRI image segmentation," Computer Vision, Pattern Recognition, Image Processing and Graphics (NCVPRIPG), 2013 Fourth National Conference on, Jodhpur, 2013, pp. 1-4.

[42] P. Sudharshan Duth, Vimal Viswanath, Pankaj Sreekumar, "Robust MRI Brain Image Segmentation Method: A Hybrid Approach using Level Set and Fuzzy C-Means Clustering," International Journal of Engineering and Technology (IJET), Vol 8 No 2, Apr-May 2016.

[43] Y. A. Ghassabeh, N. Forghani, M. Forouzanfar and M. Teshnehlab, "MRI Fuzzy Segmentation of Brain Tissue Using IFCM Algorithm with Genetic Algorithm Optimization," 2007 IEEE/ACS International Conference on Computer Systems and Applications, Amman, 2007, pp. 665-668.

[44] S. Jansi and P. Subashini, "Modified FCM using genetic algorithm for segmentation of MRI brain images," Computational Intelligence and Computing Research (ICCIC), 2014 IEEE International Conference on, Coimbatore, 2014, pp. 1-5.

[45] M. A. Balafar, A. R. Ramli, M. Iqbal Saripan, R. Mahmud, S. Mashohor and H. Balafar, "MRI segmentation of Medical images using FCM with initialized class centers via genetic algorithm," 2008 International Symposium on Information Technology, Kuala Lumpur, Malaysia, 2008, pp. 1-4.

[46] S. V. A. Kumar, B. S. Harish and D. S. Guru, "Segmenting MRI brain images using evolutionary computation technique," Cognitive Computing and Information Processing (CCIP), 2015 International Conference on, Noida, 2015, pp. 1-6.

[47] A. Pitiot, A. W. Toga, N. Ayache and P. Thompson, "Texture based MRI segmentation with a two-stage hybrid neural classifier," Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joint Conference on, Honolulu, HI, 2002, pp. 2053-2058.

[48] O. M. Alia, R. Mandava and M. E. Aziz, "A hybrid Harmony Search algorithm to MRI brain segmentation," Cognitive Informatics (ICCI), 2010 9th IEEE International Conference on, Beijing, 2010, pp. 712-721.

[49] T. Logeswari and M. Karnan, "Hybrid Self Organizing Map for Improved Implementation of Brain MRI Segmentation," Signal Acquisition and Processing, 2010. ICSAP '10. International Conference on, Bangalore, 2010, pp. 248-252.

[50] Yehualashet Megersa and Getachew Alemu, "Brain tumor detection and segmentation using hybrid intelligent algorithms," AFRICON, 2015, Addis Ababa, 2015, pp. 1-8.

[51] M. Y. Bhanumurthy and K. Anne, "An automated detection and segmentation of tumor in brain MRI using artificial intelligence," Computational Intelligence and Computing Research (ICCIC), 2014 IEEE International Conference on, Coimbatore, 2014, pp. 1-6.