- R.Muthalagu ,Balahariharan .V , Barathwaj .N , Deepan .S , Gogul Raja .K .P , "Detection of Sickle Cell Anemia in RBC By using Image Processing, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 9, Issue 3, March 2020, ISSN (Print): 2320 3765.
- R.Muthalagu, Ranjitha. B, Rekha. K, Ravisankar. K, (2020), "Smart diagnosis: diagnosis
 of anaemia using smart phone", The International journal of analytical and experimental
 modal analysis, The International journal of analytical and experimental modal analysis,
 Volume XII, Issue III, March/2020. Volume XII, Issue III, March/2020, ISSN NO:08869367
- 3. Raja Muthalagu , Vijayan Thulasi Bai, Doreen Gracias and Sheila John (2018),"Developmental screening tool: Accuracy and feasibility of non-invasive anaemia estimation", Technology and Health Care 26 (2018) 723–727
- 4. R.Muthalagu, V.Thulasi Bai and Sheila John,(2018), "A Smart (phone) Solution: An effective tool for Correlation with conjunctiva pallor and haemoglobin levels", TAGA JOURNAL VOL. 14,pp.2611-2621.
- Muthalagu.R , Jireesha.R(2016), "Image Segmentation Using Novel Social Spider Algorithm for Global Optimization", International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 03 Issue:02.
- Muthalagu.R, T.Deepa, K.Chitra (2015), "MEM Based Brain Image Segmentation and Classification Using SVM", ARPN Journal of Engineering and Applied sciences, VOL. 10, NO. 8, MAY 2015 , ISSN 1819-6608
- 7. R.Muthalagu, B. Ashish, "Image Based Authentication system", EXCITE'13, CiiT International Journal of Biometrics and Bioinformatics Vol 5, No 6 (2013), ISSN 0974 9675 & Online: ISSN 0974 956X.
- 8. R.Muthalagu ,G.Purna Chandra, and M.Moorthi (2013) ,Medical Image Fusion Using Cross Scale Coeffcient, International Journal of Research in Information Technology (IJRIT) , International Journal of Research in Information Technology (IJRIT), Volume

- 1, Issue 11, November, 2013, Pg. 365-372.
- 9. R.Muthalagu, E.U.Iniyan, "Analyzes of image fusion using wavelet transform and second generation curvelet transform", CiiT International Journal of Digital Image processing, Print: ISSN 0974 9691 & Online: ISSN 0974 9586.
- 10. R.Muthalagu, Deepak.S.Thomas, M.Moorthi, "Medical Image Compression Based On Automated Roi Selection For Telemedicine Application", International Journal Of Engineering And Computer Science ISSN:2319-7242, Volume 3 Issue 1, Jan 2014 Page No. 3638-3642.
- 11. R.Muthalagu, S.Swarnamukhi, "Combination of Wavelet and Fast curvelet based image fusion in medical research applications", National conference on Recent advances in communication, Electrical and Electronics and information Technology, ISBN-13:978-81-8209-282-2,Vol 1, Page 187.
- 12. R.Muthalagu ,Performance Comparison of Cross Coefficient Fusion with Dual Tree Complex Wavelet Transform, National Conference On Biomedical Instrumentation And Assistive Technologies -27-28 June 2014