REFERENCES

- Catteau-Jonard, S. C., Bancquart, J., Poncelet, E., Lefebvre-Maunoury, C., Robin, G. and Dewailly, D, Polycystic Ovaries at Ultrasound: Normal Variant or Silent Polycystic Ovary Syndrome. Ultrasound Obstet Gynecol, 40(2), 223–229, 2012.
- [2] NATIONAL INSTITUTES OF HEALTH. 2012. Evidence-based Methodology Workshop on Polycystic Ovary Syndrome December 3–5
- [3] The Rotterdam ESHRE/ASRM-Sponsored PCOS Consensus Workshop Group, 2003. Revised 2003 consensus on diagnostic criteria and long-term health risks related to polycystic ovary syndrome.
- [4] Eni Setiawati, Adiwijaya, Tjokorda Agung, 2015. Particle Swarm Optimization on Follicles Segmentation to Support PCOS Detection. 3rd International Conference on Information and Communication Technology (ICoICT)
- [5] Yuting Xie, Ke Chen and Jiangli Lin. Automatic Localization Algorithm for Ultrasound Breast Tumors Based on Human Visual Mechanism. NCBI, 2017.
- [6] Mohammed. M. Abdelsamea. 2011. An Automatic Seeded Region Growing for 2D Biomedical Image Segmentation. Mathematics Departement, Assiut University, Egypt.
- [7] P. Mehrotra, C. Chakraborty, B. Ghoshdastidar, S. Ghoshdastidar, K. Ghoshdastidar. "Automated ovarian follicle recognition for polycystic ovary syndrome," International Conference on Image Information Processing (ICIIP), 2011.
- [8] S. Rihana, H. Moussallem, C. Skaf, C. Yaacoub. "Automated algorithm for ovarian cysts detection in ultrasonogram," 2nd International Conference on Advances in Biomedical Engineering, 2013.
- [9] P. S. Hiremath and J. R. Tegnoor. "Automatic detection of follicles in ultrasound images of ovaries using edge based method," IJCA special issue on "Recent Trends in Image Processing and Pettern Recognition" RTIPPR, 2010.
- [10] M.S. Sonawane, C.A. Dhawale. 2015. A Brief Survey on Image Segmentation Methods. National conference on Digital Image and Signal Processing, DISP 2015

- [11] John Canny. 1986. A Computational Approach to Edge Detection. IEE Transaction on Pattern Analysis and Machine Intelligence. Volume: PAMI-8, Issue: 6, Nov. 1986
- [12] Maryruth J. Lawrence, Mark G. Eramian, Roger A. Pierson, Eric Neufeld. 2007. Computer Assisted Detection of Polycystic Ovary Morphology in Ultrasound Images. University of Saskatchewan
- [13] Adiwijaya, B. Purnama, A. Hasyim, M. D. Septiani, U. N.Wisesty, W. Astuti. 2015. Follicle Detection on the USG Images to Support Determination of Polycystic Ovary Syndrome. Journal of Physics, IOPScience
- [14] Juan Shan, H. D. Cheng, Yuxuan Wang. 2015. A completely automatic segmentation method for breast ultrasound images using region growing. Dept. of Computer Science
- [15] Mohammed. M. Abdelsamea. 2011. An Automated Seeded Region Growing for 2D Biomedical Image Segmentation. Mathematics Departement, Assiut University, Egypt.
- [16] Shilpa Dantulwar, R.K Krisna. 2014. "Performance Analysis Using Single Seeded Region Growing Algorithm". International Journal of Innovative Research in Advanced Engineering (IJIRAE)
- [17] Om Prakash Verma, et al. 2011. A Simple Single Seeded Region Growing Algorithm for Color Image Segmentation using Adaptive Thresholding. International Conference on Communications Systems and Network Technologies.
- [18] T. Huang, G. Yang, and G. Tang. 1979. "A fast two-dimensional median filtering algorithm", IEEE Trans. Acoust., Speech, Signal Processing, vol. 27, no. 1, pp. 13–18.
- [19] Nobuyuki Otsu,"A Threshold Selection Method from Gray-Level Histograms", IEEE Trans on Systems, man, and cybernetics, vol. 1, 1979.
- [20] Jianqing Liu, Yee-Hong Yang. Multiresolution Color Image Segmentation. IEEE Transaction on pattern analysis and machine intelligence Vol no. 7, JULY 1994.
- [21] Sovia Pisa, et al., "Confussion Matrix-Based Feature Selection" Proceedings of The 22nd Midwest Artificial Intelligence and Cognitive Science Conference 2011, Cincinnati, Ohio, USA, April 16-17, 2011

[22] Rostom Kachouri, Mahmoud Soua, Mohamed Akil. Unsupervised image segmentation based on local pixel clustering and low-level region merging. IEEE, 2016.