Automatic Classification of Pap Smear Cervical Cell

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Abstract : Cytologic screening has been widely used for detecting the cervical cancers. Most of the Woman's of the world were affected by the cervical cancer in their different age groups. So, Most of the Researchers, Pathologists and also more number of collegiate have been invented more number of solutions to identify this cancer from the test images of pap smear screening test. But their results were represented only that the women are affected or not affected by the cancer with less accuracy. According to the Existing report, I proposed to identify the cancer from the pap smear cells with high accuracy. The proposed work is based on segmentation, feature extraction and classification process. Test results shows that area value based classification of the normal and abnormal cell. The proposed system provides a feasible and effective tool in evaluating cytologic specimens.