**DETECTION OF LIVER CANCER USING IMAGE PROCESSING TECHNIQUES**

**ABSTRACT**

Image processing is a processing technique with the help of mathematical operations. It uses any of the form of signal processing. Here the input is an image or video and the output is also an image or a set of image. This technique is also used in medical applications for various detection and treatment. In this paper, it has been used to detect cancer cell of the liver. Here Ostu’s method is used for enhancing the MRI image and watershed method is used to segment the cancer cell from the image.

Index Terms—Image Processing, Ostu’s, Watershed method, MRI Image, Cancer cell.