



# International Journal on Recent Researches In Science, Engineering & Technology

A Journal Established in early 2000 as National journal and upgraded to International journal in 2013 and is in existence for the last 10 years. It is run by Retired Professors from NIT, Trichy. It is an absolutely free (No processing charges, No publishing charges etc) Journal Indexed in JIR, DIIF and SJIF.

Research Paper

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ISSN (Print) : 2347-6729

ISSN (Online) : 2348-3105

Volume 2, Issue 11,  
November 2014

**JIR IF : 2.54**

**DIIF IF :1.46**

**SJIF IF: 1.329**

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## Review: Various Image Segmentation Techniques

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*Abstract*—In recent times segmentation of images is a growing and a research based field, as image segmentation is a very important part in the field of image processing and computer vision. When a set of pixels are combined together they form a digital image. Segmentation of such an image or a video is useful to extract region of interest (ROI) which further can be used for various applications such as tracking and detection of objects, medical imaging, recognition of face, eyes, etc. There are various algorithms designed to do proper segmentation of the ROI. Each one of them has its own advantages and disadvantages. This paper discusses the various segmentation techniques which are available.