

**AN IMAGE INPAINTING TECHNIQUE BASED ON
THE FAST MARCHING METHOD**

(Sponsored by KSCST, Bangalore)

PROJECT REPORT

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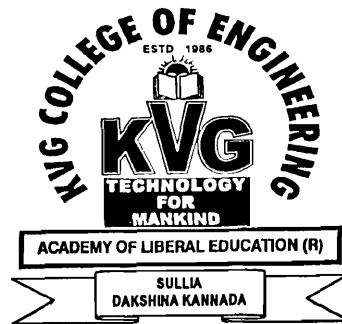
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ABSTRACT

Digital inpainting produces a means for reconstruction of small damage image. All though inpainting basics are straight forward, most inpainting techniques are more complex to understand and implement. The presented method is an new algorithm for digital inpainting based on fast marching method for level set applications. This algorithm is very simple to implement fast and produces nearly identical results to more complex, and usually slower, known methods.

In this fast paced world the time taken for restoration of an image should be in seconds. The algorithm is used in various restoration. The output is obtained in sec with results reasonable to human eye with very low amount of blurring.