



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

A Journal Established in early 2000 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 charge No publishing charge etc) Journal Indexed in DIIF and SJIF.

Research Paper

Available online at: [www.jrrset.com](http://www.jrrset.com)

Chief Editor : 1. Dr. M.Narayana Rao, Rtd. Professor, NIT, Trichy.  
(Engg.&Technology division)

2. Dr. N.Sandyanani, Ph.D., Professor,  
Chennai based Engg.College, (Science division)

ISSN (Print) : 2347-6729  
ISSN (Online) : 2348-3105

Volume 1, Issue 9,  
September 2013

**DIIF IF :1.46**  
**SJIF IF: 1.329**

---

### Performance Analysis on Techniques in Image processing

M. Durairaj and S. Varghees

Abstract - Literature review revealed that various techniques of image super resolution (SR), super resolution reconstruction produces high resolution image from sequence of low resolution images are available. Super resolution (SR) aims at increase the spatial resolution of images from a single low resolution (LR) images. Super resolution is a technique where there is a availability of multiple LR images captured from the same scene. IT is an algorithm to reconstruct HR images from the under sampled LR images. The main aim of super resolution is to improve visual quality of available low resolution image. This paper focuses on interpolation based; reconstruction based and learning based super-resolution methods. We presented various existing super resolution techniques, advantages and the current works and the methods of SR reconstruction.