



# 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 DIIF and SJIF.

**Research Paper**

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

**Chief Editors 1 : Dr. M.Narayana Rao, Ph.D., Rtd. Professor, NIT, Trichy.**

**(Engg.&Technology division)**

**2 : Dr. N.Sandyarani, Ph.D., Professor,**

**Chennai based Engg.College, (Science division)**

ISSN (Print) : 2347-6729

ISSN (Online) : 2348-3105

**Volume 2, Issue 7,**

**July 2014**

**DIIF IF :1.46**

**SJIF IF: 1.329**

---

## **Stereoscopic Visualization of 2D Images on the Computer Monitor**

**Prof . N . Rathika**

Abstract - Literature reported that While 3D visualization technology is still in its infancy, hardware capabilities have progressed to the point where useful, practical work can be done. However, there exist significant barriers to using 3D visualization, primarily in usability and interfaces. This proposal brings together researchers with variety of backgrounds to focus on these problems, with our various interests integrated by the 3D CAVE environment that we propose to create. The major contribution of this paper is to register a 3D perception using 2d stereopair images.